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Publication Title	Authors	Journal (Pub date)	Volume/Page	PubMed Link
"Size-Independent" Single-Electron Tunneling.	Zhao, Jianli; Sun, Shasha; Swartz, Logan; Riechers, Shawn; Hu, Peiguang; Chen, Shaowei; Zheng, Jie; Liu, Gang-Yu	J Phys Chem Lett (2015 Dec 17)	6 / 4986-90	PubMed Citation
A carbon nanotube toxicity paradigm driven by mast cells and the IL-/ST axis.	Katwa, Pranita; Wang, Xiaojia; Urankar, Rakhee N; Podila, Ramakrishna; Hilderbrand, Susana C; Fick, Robert B; Rao, Apparao M; Ke, Pu Chun; Wingard, Christopher J; Brown, Jared M	Small (2012 Sep 24)	8 / 2904-12	PubMed Citation
A carbon nanotube-based Raman-imaging immunoassay for evaluating tumor targeting ligands.	Bajaj, Pooja; Mikoryak, Carole; Wang, Ruhung; Bushdiecker 2nd, David K; Memon, Pauras; Draper, Rockford K; Dieckmann, Gregg R; Pantano, Paul; Musselman, Inga H	Analyst (2014 Jun 21)	139 / 3069-76	PubMed Citation
A data-driven weighting scheme for multivariate phenotypic endpoints recapitulates zebrafish develop...	Zhang, Guozhu; Roell, Kyle R; Truong, Lisa; Tanguay, Robert L; Reif, David M	Toxicol Appl Pharmacol (2016 Nov 22)	314 / 109-117	PubMed Citation
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A hyperspectral and toxicological analysis of protein corona impact on silver nanoparticle properties ...	Shannahan, Jonathan H; Podila, Ramakrishna; Brown, Jared M	Int J Nanomedicine (2015)	10 / 6509-21	PubMed Citation
A minimized designer protein for facile biofabrication of ZnS:Mn immuno-quantum dots.	Zhou, Weibin; Swift, Brian J F; Baneyx, François	Chem Commun (Camb) (2015 Feb 28)	51 / 3515-7	PubMed Citation

A new ion mobility-linear ion trap instrument for complex mixture analysis.	Donohoe, Gregory C; Maleki, Hossein; Arndt, James R; Khakinejad, Mahdiar; Yi, Jinghai; McBride, Carroll; Nurkiewicz, Timothy R; Valentine, Stephen J	Anal Chem (2014 Aug 19)	86 / 8121-8	PubMed Citation
A review of the applications of data mining and machine learning for the prediction of biomedical pr ...	Jones, David E; Ghandehari, Hamidreza; Facelli, Julio C	Comput Methods Programs Biomed (2016 Aug)	132 / 93-103	PubMed Citation
A Thermodynamics Model for the Emergence of a Stripe-like Binary SAM on a Nanoparticle Surface.	Ge, Xinwei; Ke, Pu Chun; Davis, Thomas P; Ding, Feng	Small (2015 Oct 7)	11 / 4894-9	PubMed Citation
Acute inflammatory responses of nanoparticles in an intra-tracheal instillation rat model.	Armstead, Andrea L; Minarchick, Valerie C; Porter, Dale W; Nurkiewicz, Timothy R; Li, Bingyun	PLoS One (2015)	10 / e0118778	PubMed Citation
Aerosolized ZnO nanoparticles induce toxicity in alveolar type II epithelial cells at the air-liquid ...	Xie, Yumei; Williams, Nolann G; Tolic, Ana; Chrisler, William B; Teeguarden, Justin G; Maddux, Bettye L S; Pounds, Joel G; Laskin, Alexander; Orr, Galya	Toxicol Sci (2012 Feb)	125 / 450-61	PubMed Citation
Air pollution particulate matter collected from an Appalachian mountaintop mining site induces micro ...	Knuckles, Travis L; Stapleton, Phoebe A; Minarchick, Valerie C; Esch, Laura; McCawley, Michael; Hendryx, Michael; Nurkiewicz, Timothy R	Microcirculation (2013 Feb)	20 / 158-69	PubMed Citation
Alterations in DNA methylation corresponding with lung inflammation and as a biomarker for disease d ...	Brown, Traci A; Lee, Joong Won; Holian, Andrij; Porter, Virginia; Fredriksen, Harley; Kim, Minju; Cho, Yoon Hee	Nanotoxicology (2016 May)	10 / 453-61	PubMed Citation
Ambient ultrafine particles provide a strong adjuvant effect in the secondary immune response: impli ...	Li, Ning; Harkema, Jack R; Lewandowski, Ryan P; Wang, Meiying; Bramble, Lori A; Gookin, Glenn R; Ning, Zhi; Kleinman, Michael T; Sioutas, Constantinos;	Am J Physiol Lung Cell Mol Physiol (2010 Sep)	299 / L374-83	PubMed Citation

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An Allergic Lung Microenvironment Suppresses Carbon Nanotube-Induced Inflammasome Activation via STA ...	Shipkowski, Kelly A; Taylor, Alexia J; Thompson, Elizabeth A; Glista-Baker, Ellen E; Sayers, Brian C; Messenger, Zachary J; Bauer, Rebecca N; Jaspers, Ilona; Bonner, James C	PLoS One (2015)	11 / 20	PubMed Citation
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Aspect ratio determines the quantity of mesoporous silica nanoparticle uptake by a small GTPase-depe ...	Meng, Huan; Yang, Sui; Li, Zongxi; Xia, Tian; Chen, Justin; Ji, Zhaoxia; Zhang, Haiyuan; Wang, Xiang; Lin, Sijie; Huang, Connie; Zhou, Z Hong; Zink, Jeffrey I; Nel, Andre E	ACS Nano (2011 Jun 28)	10 / e0128888	PubMed Citation

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